

5. On a *Hermaphrodite Example of Mytilus modiolus*.

In examining a series of 'horse'-mussels from Stream Sound, East Burra, Shetland, in February (5th), a specimen measuring $4\frac{1}{4}$ inches was observed to be peculiar. It had a somewhat small ovarian region chiefly developed in front of the posterior adductor, as far as the byssus, and of a tint less bright than usual. In front of the byssus the foot was enlarged and formed a somewhat crescentic elevation of a pale yellowish hue, with a free portion of the foot behind.

On section the ovary—extending, as just mentioned, as far forward as the byssus—presented numerous ova, but also a large amount of degenerating tissue and cells, with reddish-brown bodies and débris, as in the ovary of *Mytilus edulis* during the period of absorption after spawning.

The enlarged region of the foot showed a uniformly minute cellular structure, as in the testis of a male. The cells indeed closely agreed with the sperm-cells, only the mass seemed to have a larger amount of connective tissue.

The mussel had formerly received an injury to the left valve posteriorly, but it had been repaired.

XXVIII.—*Description of a new Siluroid Fish from Burma.*

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Macrones peguensis.

Depth of body $5\frac{1}{2}$ times in total length, length of head $3\frac{1}{2}$ times. Head $1\frac{1}{2}$ as long as broad, slightly granulate above; snout much depressed; diameter of eye 8 times in length of head, interorbital width 3 times; maxillary barbel reaching to middle of pectoral; mandibular barbels subequal, $\frac{2}{3}$ length of head. Vomerine teeth in a crescentic uninterrupted band. No separate interneural shield on the nape. Dorsal I 7; equally distant from end of snout and base of caudal; spine $\frac{2}{3}$ length of head, moderately strong, not serrated; adipose fin as long as dorsal, a little longer than anal. Anal 12. Pectoral spine $\frac{1}{2}$ length of head, strongly serrated on the inner edge; ventral reaching anus; caudal forked. Olive-grey above, white beneath; a series of blackish dotted lines cross the lateral line; dorsal and caudal fins dark, adipose fin blackish.

Total length 20 millim.

Closely allied to *Macrones planiceps*, C. & V., but distinguished by the much shorter barbels.

Two specimens from the Sittang River, near Toungoo; presented to the British Museum by Mr. E. W. Oates.